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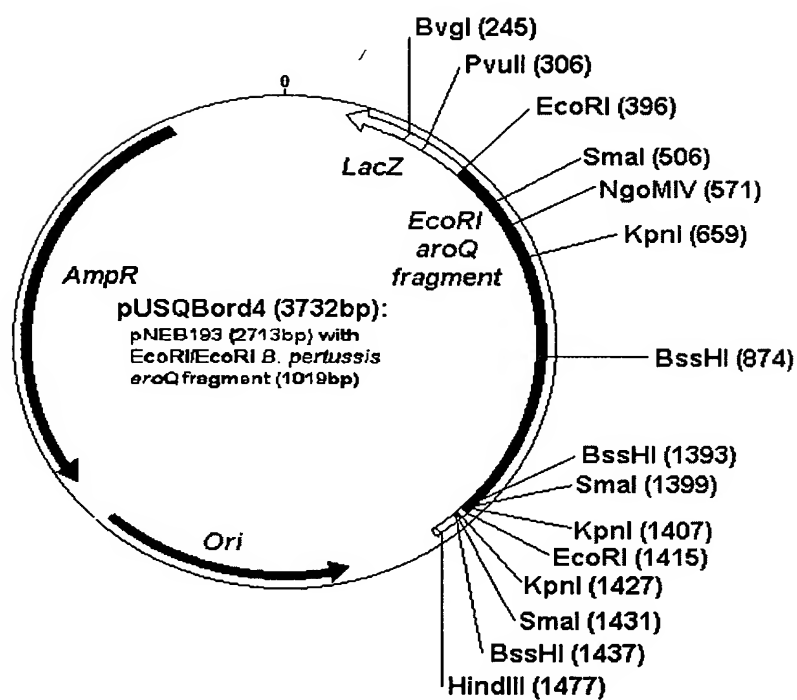


FIGURE 1

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GENE	1	TTGANGNCCA	TTGCCGTTT	GGCGTTAAAA	AGGCGGTTA	TCGCTCGTAT	50
pagene		.....	.....	.....	.....	.....	
apcutgene		.....	.....	.....	.....	.....	
cpgene		.....	.....	.....	.....	.....	
ncgene		.....	.....ctccca	caagcccatc	gcacccaacc		
GENE	51	TGCCAACAGT	TTGGCAAGCT	CCATGGCGCA	ACGCAATCTT	GTTTTCGAT	100
pagene		.....	.....	.....atggc	gaccctcccc	gtattgcctc	
apcutgene		.....	.....	.....atgaa	aaaaatccct	ctgttaccag	
cpgene		.....	.....	.....at	gaatactctg	gttctgaatg	
ncgene		agaggtacca	aacacaatgg	cgtccccccg	tcacacacac	ctcatcaccg	
GENE	101	GTCCCAACCT	GAATCTGCTC	GGACCCCGG	AGCCTCATAT	CTACGGCAGC	150
pagene		ggccgaatct	gaacctgctg	ggcaatcccg	agcccgccac	ctacggttcg	
apcutgene		ggccgaatct	aaatatgtta	ggtaaacccg	agccgcatac	ttatggctcg	
cpgene		ggccgaatct	ctgattgctg	ggtaaacccg	aaacagaaat	ttatggctcg	
ncgene		ggccgaatct	caactctctc	ggtaaacccg	agccccaat	ctatggctca	
GENE	151	CTGACGCTGG	CGCAGATCCA	CCGGGGCTTG	GCGGCGCTCG	CCGGCCAGCT	200
pagene		accacctctg	ggcagatcaa	ccaggacctc	gagcgcccg	cccgcgagc	
apcutgene		cagactctct	cagatatgga	acacacacta	caacaatccg	cacaggcaca	
cpgene		accacctctg	ctgattgctg	aaactacttc	gtgaagcctg	ctgattgctc	
ncgene		accacctctc	atgacatctc	gcaagcctcc	cagactctcg	ctgctctcgt	
GENE	201	CGCGTGCGG	CTGACCTCGT	GGCAAGCA	TCACCAAGGT	GCGCTGCTCG	250
pagene		cggccaccac	ctgctgcctc	tgcagagcaa	cgccgaatac	gaactgactc	
apcutgene		aggtacgaa	ttggattatt	ttcaagcga	cggagaagag	tcgctcagag	
cpgene		gggggtgacg	gttattgtta	aacatccaa	ctatggggg	gaactcagag	
ncgene		aggctctcgt	cttacaacct	tccagtcdaa	ccatgagga	gccatcagcg	
GENE	251	AGGCATCCA	GGCGG	.....	.....	.....	300
pagene		acgggaccca	tgcggc	.....	.....	.....	
apcutgene		atcgatctca	tcaagg	.....	.....	.....	
cpgene		attgggtgca	cgaagg	.....	.....	.....	
ncgene		acgtatctca	tcaaggagcg	ggattcgtcc	cgtctccacc	gtcaccgctcg	
GENE	301	.....	.....	.....	.....GG	CGGCCGACGG	350
pagene		.....	.....	.....	.....gc	gcgacgaagg	
apcutgene		.....	.....	.....	.....	atctcga	
cpgene		.....	.....	.....	.....	tgctgtgc	
ncgene		ccgtcaagtg	ccgcaaccac	gacggaggca	ggattgggtc	ccggagccaa	
GENE	351	TACCGATTTC	ATCATCATCA	AGCGGCGCC	CTACACCCAC	ACCAGTCTCG	400
pagene		cgtggacttc	atcatcatca	atcccgagcc	attcaaccat	accagcctcg	
apcutgene		taccgacttc	attatcatca	atcccgagcc	attcaaccat	accagcctcg	
cpgene		tggttgccct	gtcatcatca	atcccgagcc	tctaacatcat	accagcctcg	
ncgene		agtgtcggcc	atcatcatca	atcccgagcc	ttataccac	accagcctcg	
GENE	401	CGTTCGCGA	TTGGCTGGCG	TCG.....G	TGGCCATACC	GTTTATCGA	450
pagene		cgttacguga	cgcgcgctt	gcg.....g	tgagcatccc	attcatccga	
apcutgene		caattccgga	tgctgtgttg	gca.....g	tatctattcc	gttcatccga	
cpgene		cgttcgga	tgctgtgttg	gagattcatg	atggcgcgga	tttcatccga	
ncgene		gcacccgga	cgcgcctctg	ggga.....	cagggaattcc	gttcatccga	
GENE	451	CTACATTTGT	CCACCTGTA	TAAGCGGAT	TCATTCCGC	ACCATTCCTA	500
pagene		gtgacactct	cgaacgtgca	caaaccgtga	cctttccggc	attcatccga	
apcutgene		gttcatctct	caaatgtaca	tgcccgtaga	cctttccggc	attcatccga	
cpgene		gttcatctct	cgaacatcca	tgcccgtaga	gaattccgac	attcatccga	
ncgene		gttcatctct	cgaatgtaca	tgcccgtaga	gccttcagac	attcatccga	
GENE	501	TGTTGTCGAT	CTGGCGATAC	GCCGATATAC	CGGCTGCGC	GCCGATGCTT	550
pagene		cttctccgac	gtggcggtag	ggggaactcg	cggcttcggc	gccacagctc	
apcutgene		tctaaagtga	gttgcaaaag	gcccgaattg	cggcttcggc	gccacagctc	
cpgene		tctttcgctc	ataggacgag	gagctatcgc	tggttcggc	gttatcgctc	
ncgene		cttgaagtgc	aaggcggtgc	cagtcacttg	cggcttcggc	ccgttcggc	
GENE	551	TCCGAGCGCG	GCTGGCGTAC	GCGGCGCGCC	ACTGATCCTN	GCCCCGGCAT	600
pagene		accgcctggc	ccttggaaacc	gcccttgaa	aaattcaacg	ccccctga...	
apcutgene		accgattatc	gcttcgacttc	gcaatt...	.....	.....	
cpgene		atgaattaac	tcttgactat	ttggtgctca	atag.....	.....	
ncgene		atagtgctgc	gcttggacttc	cttgggagac	acatgaagtt	ttgagaacgg	
	601						650

FIGURE 2

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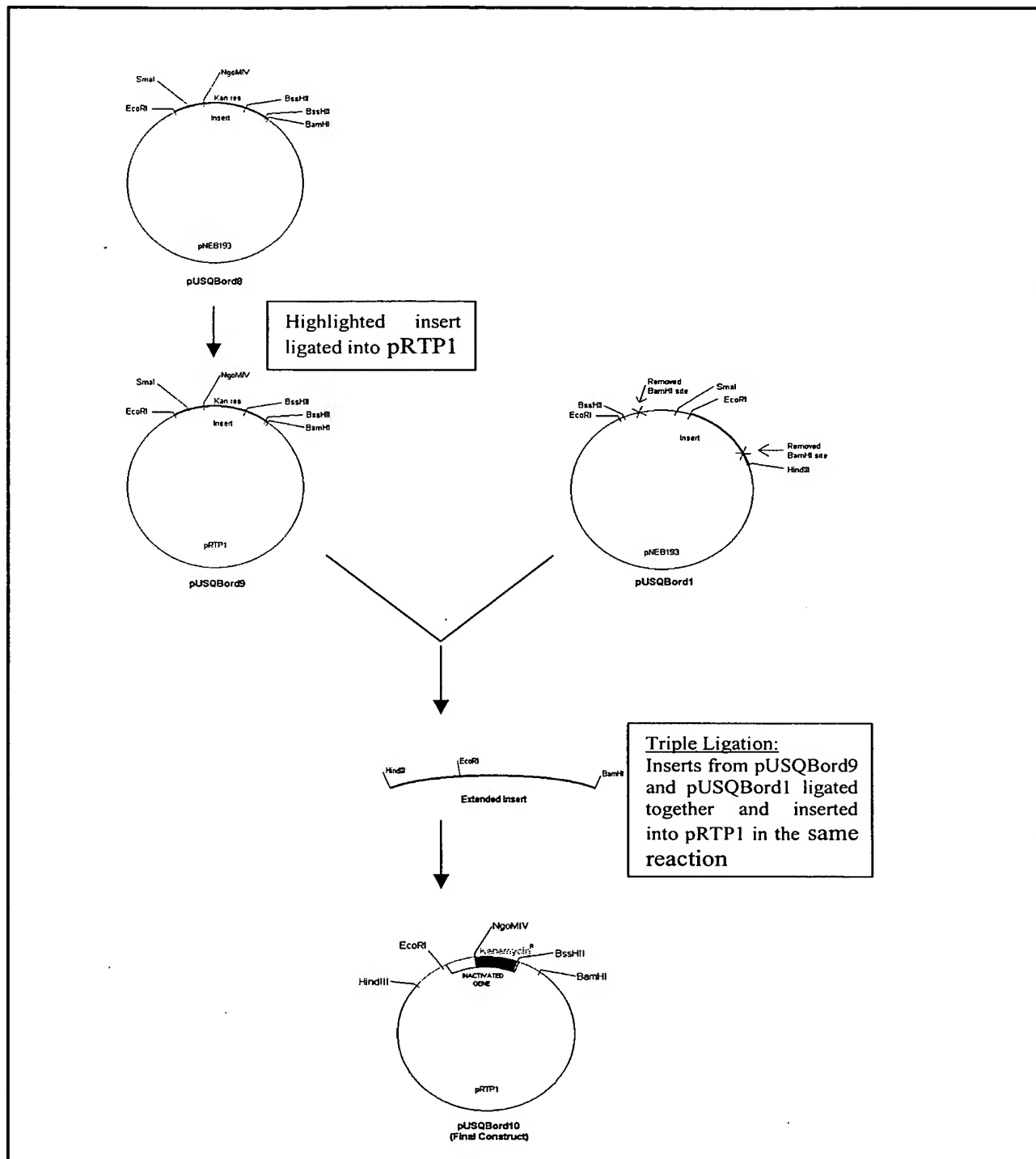


FIGURE 3

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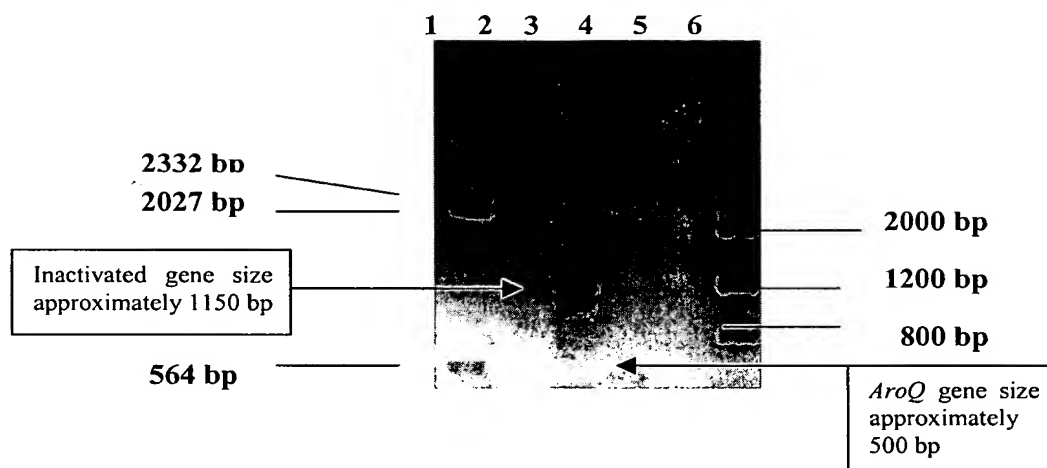


FIGURE 4

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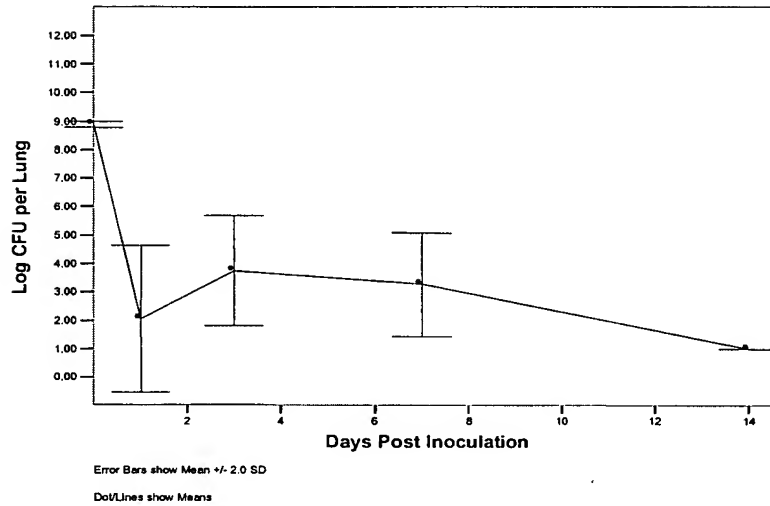


FIGURE 5A

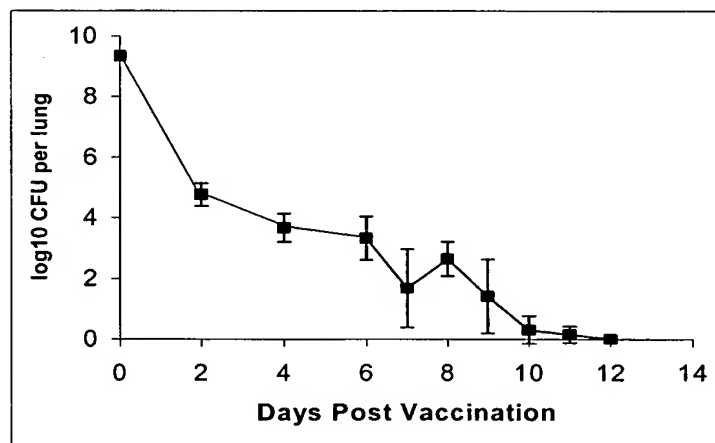


FIGURE 5B

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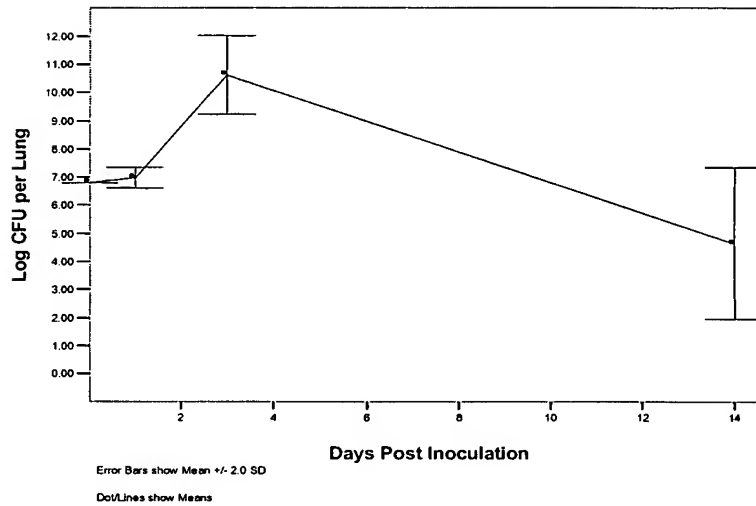


FIGURE 5C

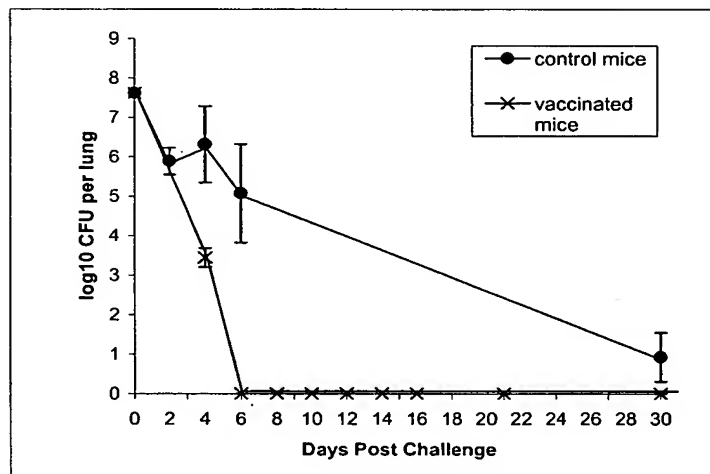


FIGURE 6

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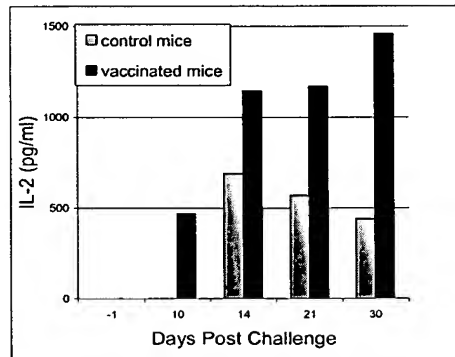


FIGURE 7A

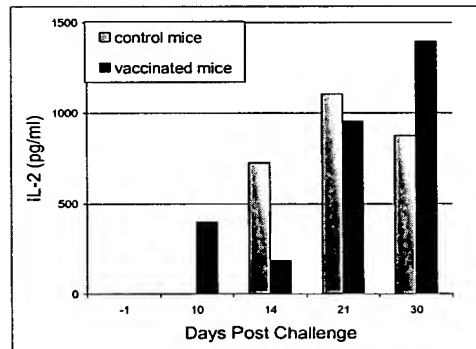


FIGURE 7B

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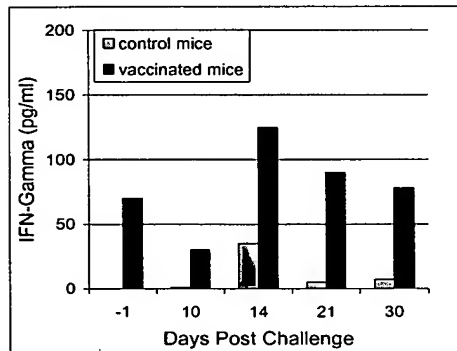


FIGURE 8A

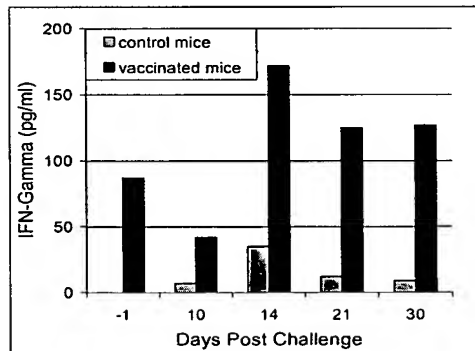


FIGURE 8B